

ABSTRACT

A system and method to reduce the size of executable code in a processing system are described. Multiple subgraph structures are identified within a graph structure constructed for multiple executable instructions in a program. Unifiable variables that are not simultaneously used in the executable instructions are identified within each subgraph structure. Finally, one or more unifiable instructions from a line of a corresponding subgraph structure are transferred to a handle of the corresponding subgraph structure, each unifiable instruction containing one or more unifiable variables.

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